

IN THE CLAIMS:

The following Listing of Claims replaces all prior Listings and versions of Claims in the above-identified application.

1-64. (Cancelled)

65. (New) An isolated protein comprising a portion of the amino acid sequence of SEQ ID NO:62, wherein said portion is an at least 6 contiguous amino acid sequence from SEQ ID NO:62, wherein said 6 amino sequence elicits an immune response against a protein having the amino acid sequence of SEQ ID NO:62.

66. (New) The isolated protein of claim 65, wherein, when tested in an immunoabsorbent test, said 6 amino acid sequence forms an immunocomplex with an antibody raised against a protein having the amino acid sequence of SEQ ID NO:62.

67. (New) The isolated protein of claim 65, wherein said 6 amino acid sequence induces a hypersensitive response in an animal known to be hypersensitive to a protein having the amino acid sequence of SEQ ID NO:62.

68. (New) The isolated protein of claim 65, wherein said portion is an at least 38 contiguous amino acid sequence from SEQ ID NO:62.

69. (New) The isolated protein of claim 65, wherein said protein comprises the amino acid sequence of SEQ ID NO:62.

70. (New) A composition comprising the isolated protein of claim 65.

71. (New) An isolated polypeptide consisting of the amino acid sequence of SEQ ID NO:62.

72. (New) A fragment of at least 6 contiguous amino acids of the isolated polypeptide of claim 71.

73. (New) The fragment of claim 72, wherein said fragment elicits an immune response against a protein having the amino acid sequence of SEQ ID NO:62.

74. (New) The fragment of claim 72, wherein, when tested in an immunoabsorbent test, said 6 amino acid sequence forms an immunocomplex with an antibody raised against a protein having the amino acid sequence of SEQ ID NO:62.

75. (New) The fragment of claim 72, wherein said 6 amino acid sequence induces a hypersensitive response in an animal known to be hypersensitive to a protein having the amino acid sequence of SEQ ID NO:62.

76. (New) A fragment of at least 38 contiguous amino acids of the isolated polypeptide of claim 71.